

Comparisons of Job Characteristics

Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Associated Occupation: Motorcycle Mechanics (49-3052)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Associated Occupation: Motorcycle Mechanics (49-3052)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|--|
| Mechanical | 6.8 | 19.3 | 18.5 | 0 Current knowledge level may be sufficient |
| Design | 5.2 | 12.9 | 6.4 | << Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Associated Occupation: Motorcycle Mechanics (49-3052)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Repairing | 3.4 | 13.3 | 11.9 | < A higher skill level may be required |
| Troubleshooting | 4.5 | 11.2 | 11.5 | 0 Current skill level may be sufficient |
| Equipment Maintenance | 3.5 | 8.7 | 11.5 | >> Skill level is likely more than sufficient |
| Quality Control Analysis | 5.9 | 8.7 | 9.8 | > Skill level is likely sufficient |
| Equipment Selection | 3.3 | 6.0 | 7.8 | > Skill level is likely sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Associated Occupation: Motorcycle Mechanics (49-3052)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Hearing Sensitivity | 5.6 | 12.8 | 8.0 | << | Extensive improvement in abilities may be required |
| Manual Dexterity | 6.5 | 12.3 | 10.8 | < | Some improvement in abilities may be required |
| Arm-Hand Steadiness | 6.8 | 11.6 | 10.7 | 0 | Current ability level may be sufficient |
| Control Precision | 6.6 | 10.8 | 11.4 | 0 | Current ability level may be sufficient |
| Finger Dexterity | 7.6 | 10.8 | 11.4 | 0 | Current ability level may be sufficient |
| Multilimb Coordination | 6.0 | 10.3 | 10.0 | 0 | Current ability level may be sufficient |
| Auditory Attention | 5.9 | 10.0 | 6.9 | << | Extensive improvement in abilities may be required |
| Extent Flexibility | 4.8 | 8.3 | 8.7 | 0 | Current ability level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)
Associated Occupation: Motorcycle Mechanics (49-3052)

| Work Activities | Exclusivity of Activity |
|--|-------------------------|
| Adhere to safety procedures | 12 |
| Adjust or set mechanical controls or components | 69 |
| Align or adjust clearances of mechanical components or parts | 72 |
| Assemble, dismantle, or reassemble equipment or machinery | 70 |
| Conduct tests to locate mechanical system malfunction | 71 |
| Determine installation, service, or repair needed | 58 |
| Diagnose mechanical problems in machinery or equipment | 65 |
| Estimate time or cost for installation, repair, or construction projects | 54 |
| Fabricate, assemble, or disassemble manufactured products by hand | 11 |
| Inspect machinery or equipment to determine adjustments or repairs needed | 42 |
| Maintain repair records | 65 |
| Move or fit heavy objects | 8 |
| Observe or listen to machinery or equipment operation to detect malfunctions | 81 |
| Overhaul vehicle major operating units, such as engines or transmissions | 84 |
| Perform safety inspections in industrial, manufacturing or repair setting | 32 |
| Read schematics | 34 |
| Read specifications | 23 |
| Read work order, instructions, formulas, or processing charts | 9 |
| Repair or replace malfunctioning or worn mechanical components | 62 |
| Set up and operate variety of machine tools | 62 |
| Test mechanical products or equipment | 56 |
| Understand service or repair manuals | 40 |
| Use 2-cycle engine technology | 92 |

| | |
|---|----|
| Use electrical or electronic test devices or equipment | 40 |
| Use electronic calibration devices | 68 |
| Use engine diagnostic equipment | 82 |
| Use hand or power tools | 2 |
| Use knowledge of metric system | 39 |
| Use machine tools in installation, maintenance, or repair | 72 |
| Use oral or written communication techniques | 1 |
| Use precision measuring devices in mechanical repair work | 61 |
| Use voltmeter, ammeter, or ohmmeter | 52 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)
Associated Occupation: Motorcycle Mechanics (49-3052)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.